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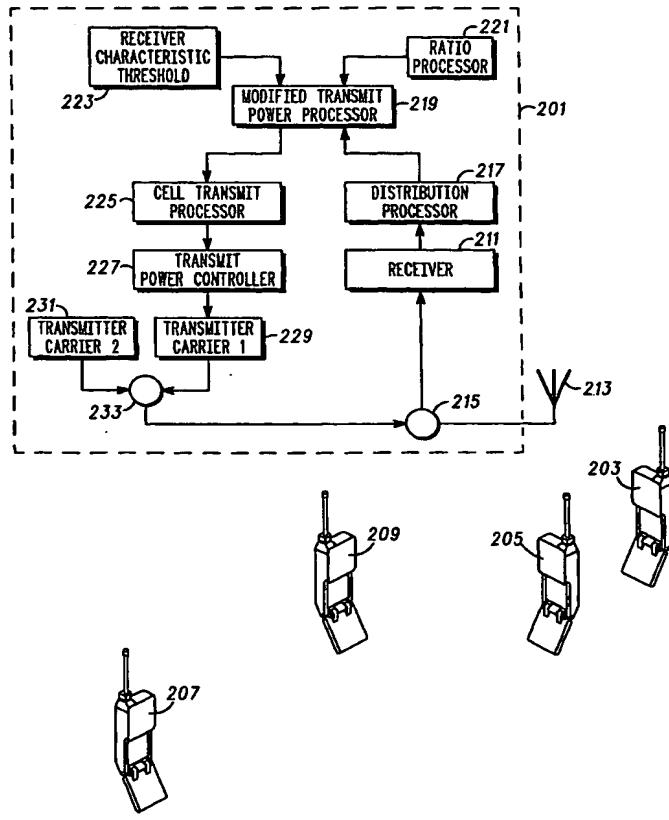
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(54) Title: METHOD AND APPARATUS FOR DETERMINING A TRANSMIT POWER



(57) Abstract: The invention relates to determining a transmit power in a cellular communication system comprising a cell including an inner zone served by a first carrier and an outer zone. A base station (201) comprises a receiver (211) for receiving measurement reports from communication units (203, 205, 207, 209). The measurement reports comprise receive characteristics such as receive signal levels. A distribution processor (217) generates a distribution of the receive characteristics, and a modified transmit power processor (219) determines a modified transmit power level in response to the distribution. Specifically, a modified transmit power level is determined as the power reduction of a transmit power that will result in a given traffic distribution between the inner zone and the outer zone. The modified transmit power processor (219) is coupled to a cell transmit power processor (225) which determines a cell transmit power associated with the first carrier in response to the modified transmit power level. Specifically a maximum transmit power of the first carrier is set to the cell transmit power level.



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